

Quadratic Pattern #2

Date: _____ Hour: _____

1) $x^4 - 10x^2 + 9$

2) $x^4 - 12x^2 - 64$

3) $x^4 - 7x^2 - 18$

4) $x^4 - 5x^2 - 36$

Answers to Quadratic Pattern #2

$$\begin{array}{l} 1) (x-3)(x+3)(x^2-2) \\ 4) (x^2+4)(x-3)(x+3) \end{array}$$

$$2) (x+4)(x-4)(x^2+4)$$

$$3) (x^2+2)(x+3)(x-3)$$